

### **REMARKS**

Claims 1-10 and 12-13 are pending in this application.

In response to the Notice of Allowance and Notice of Allowability (Paper No. 2004082) dated on August 26, 2004 in which claims 1-13 have been indicated as allowable, Applicants note that claim 11 has already been canceled without prejudice or disclaimer as per Amendment After Final filed on August 13, 2004. As a result, only claims 1-10 and 12-13 stand allowed and should be printed on the Letters Patent.

Separately, during the review of claims 1-10 and 12-13, Applicants note that claim 12 contain several minor errors that need to be corrected for purposes of completeness and consistency with respect to FIG. 6 and FIG. 7 of Applicants' disclosure. For example, the excitation current detection unit (18), as shown in FIG. 7, comprises a signal preparation circuit (19) arranged to prepare sample-and-hold signals (SHa, SHb), sample-and-hold circuits (20a-20b) arranged to sample and hold an inverter input current (idc) on the basis of the sample-and-hold signals (SHa, SHb), and an arithmetic circuit (21) arranged to perform a predetermined calculation of sampled signals (ia, ib) generated from the sample-and-hold circuits (20a-20b). As a result, claim 12 has been amended to correct these errors, without altering the scope of coverage, in order to be passed to issuance pursuant to 37 C.F.R. §1.312.

In view of the foregoing amendments, arguments and remarks, all claims 1-10 and 12-13 are now deemed to be allowable and this application is believed to be in condition to be passed to issue. Entry of the foregoing amendments is proper under 37 C.F.R. §1.312 because those amendments simply place claim 12 in condition for issuance without altering the scope of coverage. Should any questions remain

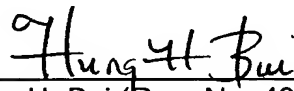
unresolved, the Examiner is requested to telephone Applicants' attorney at the Washington DC area office at (703) 312-6600.

To the extent necessary, Applicants petition for an extension of time under 37 CFR §1.136. Please charge any shortage of fees due in connection with the filing of this paper, including extension of time fees, to the Deposit Account of Antonelli, Terry, Stout & Kraus, No. 01-2135 (Application No. 500.41509CX1), and please credit any excess fees to said deposit account.

Respectfully submitted,

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